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Llanelli Rural District Council

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Annual Report

of the

Medical Officer of Health

for the

Year ending 31st December, 1968

Llanelli Mercury

1970

Llanelli Rural District Council

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LLANELLI RURAL DISTRICT COUNCIL.
PUBLIC HEALTH COMMITTEE.

Councillor G. J. Jones (Chairman of Public Health Committee).
" S. R. Davies (Chairman of Council).
" J. E. R. Alford.
" A. Bowen.
" F. T. Davies.
" L. A. Davies.
" D. R. Edwards.
" H. Hughes, B.A.
" T. O. Jones, B.A., J.P.
" V. Lewis.
" C. McLoughlin.
" J. G. Rodge.
" B. Thomas, J.P.
" E. J. Thomas, J.P.
" D. I. H. Thomas.
" C. J. Treharne.

PUBLIC HEALTH STAFF.

Medical Officer of Health :
E. H. B. HOPKINS, M.R.C.S., L.R.C.P., D.P.H.

Chief Public Health Inspector :
A. V. ROWLANDS, M.R.S.H., M.A.P.H.I., D.P.A., D.S.A.A.

Public Health Inspectors and Inspectors of Meat and Other Foods :
T. J. BIBBS.
B. W. JAMES, M.R.S.H., M.A.P.H.I., A.M.N.Inst.E.
P. A. JOHN, M.A.P.H.I. (Terminated May, 1968).
G. PADGETT, M.R.S.H., M.A.P.H.I. (Commenced August, 1968).

Chief Clerk :
W. O. G. RODERICK.

Technical Assistant :
D. T. REES, M.R.I.P.H.H.

Clerks :
G. J. C. EVANS, F.C.B.I.
Mrs. R. JONES.
Mrs. A. JONES (Commenced December, 1968).

Student Public Health Inspector :
Miss A. G. REES.

Rodent Officer :
W. J. EVANS.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1968.

To the Chairman and Members,

Llanelli Rural District Council.

Mr. Chairman and Gentlemen,

I beg to submit my Report for the year 1968 on the Health Administration of the Rural District.

In doing so, I would like to thank the Chairman and Councillors for their assistance and kindness during the year.

I am,

Your obedient Servant,

E. H. B. HOPKINS,

Medical Officer of Health.

Public Health Department,
Castle Buildings,
Llanelli

SECTION A.

SUMMARY OF VITAL AND MORTAL STATISTICS FOR YEAR 1968

Area of Rural District		51,367 acres
Llanedy	5,680 acres	
Llanelli Rural	15,060 acres	
Llangennech	2,396 acres	
Llannon	10,602 acres	
Pembrey	14,778 acres	
Pontyberem	2,851 acres	
Population (1961 Census)		40,201
Population (Registrar General's Estimated mid-year 1968)		40,550
Density (persons per acre)		1.27
Dwelling Houses in Rural District inhabited at end of 1968		13,732
Average number of persons per dwelling		2.95
Rateable Value (as at 1st April, 1968)		£1,162,812
Product of 1d. Rate (as at 31st March, 1968)		£4,542 6 4

Deaths :

Males 293 Females 259 Total 552
Rate per 1,000 population Crude Rate 13.61
Adjusted Rate 16.46
(Ratio of Local Adjusted Rate to National Rate 1.38)

Deaths (65 and over) :

Males 186 Females 180 Total 366

MOTHERS AND INFANTS :

Total Live Births :

Males 273 Females 303 Total 576
Rate per 1,000 population Crude Rate 14.20
Adjusted Rate 14.62
(Ratio of Local Adjusted Rate to National Rate 0.87)

Illegitimate Live Births :

Males 15 Females 15 Total 30
Illegitimate Live Births per cent. of total Live Births 5.04

Still Births :

Males 13 Females 6 Total 19
Rate per 1,000 total Live and Still Births 32.0

Total Live and Still Births 595

Infant Deaths under 1 year:

Legitimate	Male	3	Females	11	Total	14
Illegitimate	Male	—	Females	—	Total	—

Infant Mortality Rates:

Total Infant Deaths per 1,000 live births	24.0
Legitimate infant deaths per 1,000 legitimate live births	24.97
Illegitimate infant deaths per 1,000 illegitimate live births	Nil

Neo-Natal Mortality Rate (deaths under 4 weeks):

Males 2 Females 8 Total 10

Rate per 1,000 total live births	17.36

Early Neo-Natal Mortality (deaths under 1 week):

Males 2 Females 4 Total 6

Rate per 1,000 total live births	10.42
Rate per 1,000 total live births (England and Wales)	10.50

Perinatal Mortality (Still Births and Deaths of Infants under 1 week):

Males 15 Females 10 Total 25

Rate per 1,000 total live and still births	42.0
Rate per 1,000 total live and still births—England and Wales	25.0

Maternal Mortality (including abortion):

Number of deaths	Nil
Rate per 1,000 total live and still births	Nil

	Crude Rate	Adjusted Rate	Rate for England and Wales
Rate per 1,000 of Estimated Population:			
Live Births	14.20	14.62	16.9
Deaths	13.61	16.40	11.9
Rate of Still Births per 1,000 Live and Still Births	32.0	—	14.0
Infant Mortality Rate per 1,000 Live Births	24.0	—	18.0
Neo-Natal Mortality Rate per 1,000 Live Births	17.36	—	12.4
Maternal Mortality Rate	—	—	.2

Year 1968	Maternal Mortality Rate per 1,000 total births	Infant Mortality Rate per 1,000 live births	Still Birth Rate per 1,000 births	Neo-Natal Mortality Rate per 1,000 related live births	Illegitimacy Rate per 1,000 total live births
Llanelli Rural	—	24.0	32.0	17.36	50.42
England and Wales	.2	18.0	14.0	12.3	84.0

Live Births:

576 live births were registered. The adjusted birth rate was 12.35 as compared with 15.56 in 1967.

The illegitimacy rate was 50.42 per 1,000 live births as compared with 84.0 for England and Wales.

Still Births:

19 still births were registered in 1968 giving a rate of 32.0 as compared with 26.0 in 1967.

There was no illegitimate still birth in 1968.

Net deaths from stated causes at various ages under 1 year of age:—

Cause of Death	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1—3 months	3—6 months	6—9 months	9—12 months	Total under 1 year
Prematurity	2	1	.....	.....	3	.....	.....	.....	.....	3
Peritonitis	1	.....	.....	.....	1	.....	.....	.....	.....	1
Spina Bifida	.....	1	.....	.....	1	.....	.....	.....	.....	1
Hyaline Membrane Disease	1	.....	.....	.....	1	.....	.....	.....	.....	1
Asphyxia Neonatorum	1	.....	.....	.....	1	.....	.....	.....	.....	1
Oesophagial Atresia	.....	1	.....	.....	1	.....	.....	.....	.....	1
Hydrocephalus	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Cardiac arrest	.....	.....	1	.....	1	.....	.....	.....	.....	1
Broncho Pneumonia	.....	.....	.....	.....	.....	2	.....	1	.....	3
Cerebral Haemorrhage	1	.....	.....	.....	1	.....	.....	.....	.....	1
	6	3	1	.....	10	2	1	1	.....	14

Within the Rural District 43 births took place at home. This represents approximately 7.23 per cent. of the total births.

Illegitimate Still Births: Nil.

Per cent. of total Still Births—Nil.

Infant Deaths according to age and place of death :

Age of Infant	Place of Death		
	In Hospital	At Home	Total
Under 1 week	6	—	6
1—2 weeks	3	—	3
2—3 weeks	1	—	1
3—4 weeks	—	—	—
Over 4 weeks	2	2	4
	12	2	14

INFANT MORTALITY RATES FOR THE LAST TEN YEARS

Year	Infant Mortality		Neo-Natal Mortality	
	R.D.	England and Wales	R.D.	England and Wales
1959	31.51	22.0	22.88	15.8
1960	17.11	21.7	15.55	15.6
1961	23.76	21.4	11.61	15.5
1962	24.48	21.4	13.99	15.1
1963	23.04	20.9	12.29	14.2
1964	33.65	20.0	28.84	13.8
1965	23.19	19.0	17.39	13.0
1966	21.28	19.0	16.37	12.9
1967	14.73	18.3	11.46	12.5
1968	24.0	18.0	10.42	12.4

Year	Total No. of Births	(A) No. of Still Births	(B) Infant Deaths under 1 year	(C) No. of Neo-natal Deaths	Deaths of Infants over 1 month and under 12 months	A + B	A + C
1959	616	13	19	15	4	32	28
1960	656	13	11	10	1	24	23
1961	603	11	14	7	7	25	18
1962	572	12	14	8	6	26	20
1963	651	19	15	8	7	34	27
1964	637	13	21	18	3	34	31
1965	701	11	16	12	4	27	23
1966	645	14	13	10	3	27	24
1967	627	16	9	7	2	25	23
1968	595	19	14	10	4	33	29

CAUSES OF DEATHS IN THE LLANELLI RURAL AREA IN 1968

REGISTRAR GENERAL'S STATISTICS

	Causes of Death	All Ages M.	All Ages F.	All Ages Total
B.5	Tuberculosis of Respiratory System	1	—	1
B.18	Other Infective and Parasitic Diseases	2	2	4
B.19(1)	Malignant Neoplasm—Stomach	7	9	16
B.19(2)	Malignant Neoplasm—Lung, Bronchus	14	1	15
B.19(3)	Malignant Neoplasm—Breast	—	8	8
B.19(4)	Malignant Neoplasm—Uterus	—	6	6
B.19(5)	Leukaemia	2	1	3
B.19(6)	Other Malignant Neoplasms, etc.	20	19	39
B.20	Benign and Unspecified Neoplasms	1	1	2
B.21	Diabetes Mellitus	1	4	5
B.46(1)	Other Endocrine, etc., Diseases	—	3	3
B.23	Anaemias	1	2	3
B.46(3)	Mental Disorders	1	1	2
B.46(4)	Other Diseases of Nervous System, etc.	2	2	4
B.26	Chronic Rheumatic Heart Disease	2	5	7
B.27	Hypertensive Disease	5	7	12
B.28	Ischaemic Heart Disease	88	50	138
B.29	Other Forms of Heart Disease	12	9	21
B.30	Cerebro Vascular Disease	39	56	95
B.46(5)	Other Diseases of Circulatory System	13	19	32
B.31	Influenza	1	—	1
B.32	Pneumonia	10	13	23
B.33(1)	Bronchitis and Emphysema	26	4	30
B.46(6)	Other Diseases of Respiratory System	11	2	13
B.34	Peptic Ulcer	5	—	5
B.36	Intestinal Obstruction and Hernia	1	1	2
B.37	Cirrhosis of Liver	—	2	2
B.46(7)	Other Diseases of Digestive System	2	5	7
B.38	Nephritis and Nephrosis	2	—	2
B.39	Hyperplasia of Prostate	5	—	5
B.46(8)	Other Diseases, Genito Urinary System	1	1	2
B.46(10)	Diseases of Musculo-Skeletal System	1	2	3
B.42	Congenital Anomalies	—	5	5
B.43	Birth Injury, Difficult Labour, etc.	1	3	4
B.44	Other Causes of Perinatal Mortality	1	1	2
B.45	Symptoms and Ill-defined conditions	1	1	2
B.E.47	Motor Vehicle Accidents	1	2	3
B.E.48	All Other Accidents	11	9	20
B.E.49	Suicide and self inflicted injuries	2	2	4
B.E.50	All Other External Causes	—	1	1
	Totals	293	259	552

Included in the above:—

Deaths from Pneumoconiosis	13
Deaths contributed by Pneumoconiosis ...	1
Deaths from Silicosis	4
Deaths contributed by Silicosis	—

CAUSES OF DEATH FOR THE PAST 10 YEARS

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Malignant Neoplasms	75	83	76	80	79	81	72	72	90	87
Scarlet Fever	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membraneous Croup)	—	—	—	—	—	—	—	—	—	—
Typhoid Fever	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	—	1	—	—	—	—	—	—	—	—
Measles	—	—	—	—	—	—	1	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—
Diarrhoea and Dysentery	2	1	2	3	3	1	3	1	—	—
Rheumatic Fever	—	—	—	—	—	—	—	—	—	—
Pthisis	4	2	1	1	3	5	2	1	—	1
Respiratory Diseases, excluding Cancer and Tuberculosis	70	56	72	68	73	85	50	77	60	67
Cardiovascular Disease	220	273	239	275	253	237	271	300	287	295
Injuries	18	23	15	15	26	12	23	34	16	28
All other causes	64	66	52	52	59	47	56	58	48	74
Total	453	505	457	494	496	468	478	543	501	552

The main causes of death in the Rural District during 1967 and 1968 were as follows:—

	1967		1968	
1 Cardiovascular conditions	287	57.28%	295	53.44%
2 Neoplasms of various kinds	90	17.96%	87	15.76%
3 Cancer of the Lung	22	4.39	15	2.71%
4 Respiratory disease (excluding Tuberculosis and Cancer)	60	11.97%	67	12.14%
5 Accidents	15	3.00%	23	4.16%

9 deaths were attributed to accidents in the home.

Population Statistics:

1931 Census	37,266
1951 Census	37,054
1961 Census	40,301

Cancer:

Of the specified cancer deaths:—

1967	1968	
12	16	were reported as caused by cancer of the stomach
22	15	were reported as caused by cancer in the lung
5	8	were reported as caused by cancer of the breast
8	6	were reported as caused by cancer of the womb
41	39	were reported as other malignant or lymphatic neoplasms
2	3	were reported as leukaemia

Immunisation:

Thanks to the co-operation of parents, immunisation rates for the year were again reasonably satisfactory. It is to be hoped that these rates can be maintained.

(a) **Diphtheria:**

Year	Ages in Years		Boosters	Total	No. of Immunisations in ages 0—5 years percentage of total live births
	0—5	5—15			
1959	354	4	13	371	58.70
1960	178	9	61	248	27.68
1961	537	175	1056	1768	89.05
1962	344	15	28	387	60.14
1963	378	2	17	397	58.06
1964	491	8	113	612	78.68
1965	423	5	111	539	61.30
1966	571	8	240	819	91.08
1967	545	42	277	864	81.03
1968	551	148	234	933	95.66

(b) **Whooping Cough Vaccination:**

Number who received vaccination during 1968:—

Ages 0—5 years	522	Boosters ...	151
Ages 5—14 years	55		
Total	577		

(c) **Tetanus Vaccination :**

Number who received vaccination in 1968 :

Ages 0— 5 years	562	Boosters	239
Ages 5—14 years	287		
	849		

(d) **Smallpox Vaccination :**

The following are the figures for the whole County of Carmarthenshire :—

	Number Vaccinated	Number Re-Vaccinated
Children under 1 year	91	—
Children of 1 year	726	—
2—4 years	197	11
5—14 years	42	48
15 or over	5	17

(e) **B.C.G. Vaccination (Whole County) :**

	Contact Scheme	School Children
Number skin tested	252	1066
Number found negative	175	949
Number vaccinated	121	932

(f) **Poliomyelitis Vaccination (Whole County) :**

	Received 3 doses of Oral Vaccine
Children born 1968	679
Children born 1967	1151
Children born 1966	274
Children born 1965	87
Children born 1961-1964	183
Others under 16 years	58
Number of persons given a reinforcing dose of oral Vaccine	241

(g) **Measles (Whole County) :**

Children born 1968	5
Children born 1967	39
Children born 1966	50
Children born 1965	46
Children born 1961-1964	121
Others under 16 years	14

(h) **Scarlet Fever :**

2 cases were reported during the year, as compared with 13 in 1967. The disease continues to be mild.

(j) **Whooping Cough :**

3 cases were notified during the year.

Measles :

There were 112 cases of measles reported during the year as compared with 332 in 1967. The disease was mainly mild and as far as can be ascertained there were no serious complications.

Dysentery:

All notifiable cases of Dysentery were investigated and faecal samples taken to the Public Health Laboratory.

In two Cases Salmonella Montevideo was isolated.

No. of specimens submitted for examination ... 64

Food Poisoning :

No outbreak of food poisoning was notified during the year.

Mortuaries

There are no public mortuaries in our area, but by arrangement with Llanelli Borough Council, their mortuary is available when necessary. Coroner's cases have, by arrangements between the Coroner and the Regional Hospital Board, been mainly dealt with at the Llanelli or Glangwili Hospitals.

INFECTIOUS AND OTHER NOTIFIABLE DISEASES DURING 1968

	Infective Jaundice		Scarlet Fever		Whooping Cough		Measles		Dysentery		Meningococcal Infection	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Numbers originally notified	4	2	2	—	—	3	64	48	6	7	—	—
Final numbers after correction :—												
Under 1 year	—	—	—	—	—	—	2	5	—	—	—	—
1 year	—	—	—	—	—	—	6	6	—	—	—	—
2 years	—	—	—	—	—	—	9	4	—	—	—	—
3 years	1	1	—	—	—	1	6	4	—	—	—	—
4 years	—	—	1	—	—	—	16	8	—	—	—	—
5—9 years	1	—	1	—	—	2	23	21	2	1	—	—
10—14 years	—	—	—	—	—	—	2	—	—	1	—	—
15—24 years	1	—	—	—	—	—	—	—	—	2	—	—
25 and over	1	1	—	—	—	—	—	—	4	3	—	—
Age unknown	—	—	—	—	—	—	—	—	—	—	—	—
Total (all ages)	4	2	2	—	—	3	64	48	6	7	—	—

	Pneumonia		Erysipelas		Food Poisoning		Puerperal Pyrexia	
	M.	F.	M.	F.	M.	F.	M.	F.
Number originally notified	3	2	—	—	—	—	—	—
Final numbers after correction :—								
Under 5 years	1	1	—	—	—	—	—	—
5—14 years	—	—	—	—	—	—	—	—
15—44 years.....	—	—	—	—	—	—	—	—
45—64 years.....	1	1	—	—	—	—	—	—
65 and over	1	—	—	—	—	—	—	—
Age Unknown	—	—	—	—	—	—	—	—
Total (all ages)	3	2	—	—	—	—	—	—

OPHTHALMIA NEONATORUM, 1968

Ophthalmia Neonatorum	Cases			Vision Un-Impaired	Vision Impaired	Total Blind-ness	Deaths
	Notified	Treated					
		At Home	In Hospital				
	—	—	—	—	—	—	—

TUBERCULOSIS

Table showing notifications and number of deaths from Tuberculosis over the past 45 years:—

Year	New Cases				Deaths			
	No. of new cases Notified		Rate per 1,000 population		Number of deaths		Rate per 1,000 population	
	Res-piratory	Non-Res-piratory	Res-piratory	Non-Res-piratory	Res-piratory	Non-Res-piratory	Res-piratory	Non-Res-piratory
1923	70	32	1.8	.9	31	16	.9	.45
1933	39	12	1.0	.3	29	7	.8	.2
1934	68	14	1.8	.4	21	6	.6	.2
1935	59	17	1.6	.5	36	6	.9	.2
1936	52	13	1.4	.4	36	7	.9	.2
1937	59	10	1.6	.3	25	8	.7	.3
1938	35	13	.9	.4	21	3	.6	.09
1951	42	15	1.2	.4	15	1	.4	.03
1952	51	12	1.3	.3	6	2	.15	.05
1953	32	20	.8	.5	7	2	.2	.05
1954	41	11	1.1	.3	7	—	.18	—
1955	29	16	.74	.4	11	1	.28	—
1956	43	5	1.09	.13	5	—	.13	—
1957	28	5	.72	.13	3	1	.08	.03
1958	19	8	.48	.20	3	—	.08	—
1959	18	6	.46	.15	4	1	.10	.03
1960	21	2	.53	.05	2	—	.05	—
1961	17	6	.42	.14	3	—	.07	—
1962	14	2	.35	.05	1	1	.02	.02
1963	10	6	.26	.14	3	—	.07	—
1964	17	3	.42	.07	4	1	.10	.02
1965	10	3	.25	.07	—	2	—	.05
1966	16	3	.39	.07	1	—	.02	—
1967	9	3	.22	.07	—	—	—	—
1968	6	4	.15	.1	1	—	.02	—

Enquiries regarding domiciliary care of Tuberculous patients should be addressed to the County Medical Officer of Health at Carmarthen.

The County Council will assist in the domiciliary care of Tuberculous and other patients, by the provision on loan or otherwise of beds, bedding, sickroom equipment and home help assistance. In addition sleeping out shelters are available for certain tuberculous patients.

Assistance is granted in necessitous cases towards the cost of the travelling expenses of relatives visiting long stay patients in hospitals and sanatoria. In practice it has been found that the great majority of applications for assistance have been from relatives of tuberculous patients.

Assistance is granted for visits to hospitals and sanatoria, which are not less than 40 miles from the residence of the applicant, and is subject to the following conditions:—

(a) That there is urgent reason for the visit because of the patient's serious condition, or that the visit would in medical opinion do the patient good and aid response to treatment.

(b) That because of the length of the journey, the relatives concerned are unable to afford it from their own resources without substantial hardship.

(c) That subject to (a) above, assistance is restricted to one relative every month or two relatives every two months, unless a senior member of the Medical Staff of the Hospital certifies that more frequent visits are essential on account of the patient's serious condition.

MASS RADIOGRAPHY

TABLE No. 1

Special Survey	Number Examined	Referred to Chest Physician	Other Chest Abnormalities
Alkaline Batteries, Ponthenry	81	—	2
Pressed Steel Fisher, Felinfoel	907	3	23
B.M.C. Radiators, Felinfoel	1278	2	25
Miscellaneous	11	—	1

CHILD WELFARE CLINICS

Place	Where Held	When Held	Times
Felinfoel	Ysgol-y-Babanod	Thursdays	2.30-4.30 p.m.
Llangennech	Salem Vestry	Tuesdays	2-4.30 p.m.
Llwynhendy	Health Centre	Tuesdays	2-4.30 p.m.
Pontyates	Welfare Hall	Wednesdays	2-4 p.m.
Pontyberem	Public Hall	Wednesdays	2.30-5 p.m.
Pwll	Community Centre	Mondays	2-4 p.m.
Trimsaran	Tabernacle Vestry	Tuesdays	2-4 p.m.
Tumble	Welfare Hall	Tuesdays	2-4.30 p.m.
Cross Hands	Public Hall	Tuesdays	2-4 p.m.

ANTE-NATAL CLINICS

Pontyates	Welfare Hall	Wednesdays (weekly)	9.30-12 noon
Cross Hands	Public Hall	Thursdays (weekly)	10-12 noon
Llanelli	Brynmair, Goring Road	Wednesdays (weekly)	9.30-12 noon

MOTHERCRAFT AND RELAXATION CLASSES

Llanelli	Brynmair, Goring Road	Tuesdays	2-4.30 p.m.
Llwynhendy	Health Centre	Mondays	2-4.30 p.m.

CHEST CLINIC

Llanelli	Bay View, Capel Road	Daily	9.30-12 noon 2-4 p.m.
		Saturday	9-12 noon

V.D. CLINICS

West Wales General Hospital, Glangwili:

Males	1st Friday of month	2-6 p.m.
	3rd Friday of month	2-6 p.m.
Females	1st Friday of month	2-6 p.m.
	3rd Friday of month	2-6 p.m.

Mount Pleasant Hospital, Swansea:

Males	Monday	9 a.m.—12 noon
	Tuesday	2 p.m.—4 p.m.
	Wednesday	5 p.m.—7 p.m.
Females	Tuesday	9 a.m.—12 noon
	Thursday	3 p.m.—5 p.m.

HOSPITALS

The West Wales Isolation Hospital for the treatment of infectious diseases and certain number of cases of Tuberculosis is situated within the area at Tumble.

Local Hospitals.

There are four local hospitals:

(1) Llanelli General Hospital (160 beds).

(2) Bryntirion Hospital for chronic sick and aged (156 beds).

(3) Glasfryn Maternity Hospital (12 beds and General Practitioner operated.

(4) Cilymaenllwyd Hospital (43 beds).

Cilymaenllwyd has been used as a pre-convalescent hospital. It has proved of immense value and as a result the surgical waiting list at the General Hospital has been very considerably reduced.

Home Help Service :

The Home Help Service is organised by the Carmarthenshire County Council.

The Home Helps are provided during the laying-in period of maternity cases where the patient has no relative available to undertake the domestic duties of the home, and also in certain cases of sickness and need. For those on National Assistance limited domestic help can be arranged, when needed, through the National Assistance Board.

Mental Health Service :

Mental Health Service		Areas for which they are responsible
Mr. Dewi David	.....	Llanelli Borough ; Llanelli Rural District (Pembrey Parish) ; Burry Port Urban and Kidwelly Borough.
Mr. Esmor Evans	.....	Llanelli Rural District with the exception of Pembrey Parish.
Mr. G. Jones	.....	Ammanford Urban and eastern side of Llandeilo Rural. Acts as relief for the above as necessary.

Mentally Sub-Normal :

The Carmarthenshire County Council are responsible for the ascertainment, supervision and general welfare of the mentally sub-normal.

Training Centres are operating in Llanelli—one for junior and females, the other for older boys and men. A new junior Training Centre and a residential hostel were opened during the year.

Blood Donation Service :

There is a small Blood Bank at the Llanelli General Hospital and the service of a Pathologist with three trained Technicians is available.

Blood Grouping and Cross Matching are part of the normal laboratory routine and 24 hour service is maintained for emergencies. Statistics of blood usage and donations in the area for 1968 have not been received.

National Society for the Prevention of Cruelty to Children :

Close collaboration is maintained with the Local Inspector of the above Society, and mutual action to mitigate distress is taken in many instances.

The Local Inspector (Chief Inspector D. R. Lewis) resides at 44, Glenalla Road, Llanelli (Telephone 5216).

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Laboratory Facilities :

(a) An arrangement is in operation for the bacteriological examination of pathological specimens, milk samples and ice-cream samples at the Public Health Laboratories at Carmarthen and Swansea.

(b) Water Analysis—This work is carried out by the County Analyst's Laboratory, Carmarthen, and by the Public Health Laboratories at Carmarthen and Swansea.

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

Considerable useful work was completed or under construction during the year to eliminate or reduce distributional problems, largely by extending the distribution from the Lliedi reservoir and treatment plants.

In addition, the installation of a chlorinating plant at the Llannon reservoir has considerably reduced the possibility of the spread of water borne disease from this storage reservoir, which supplies the major part of the area dependent on the Llynyfan water supply.

The following information is submitted by the Engineer to the Llanelli and District Water Board:—

Average daily consumption in the Board's Area:—

Domestic	5.271 m.g. per day.
Trade	4.503 m.g. per day.

Total number of houses in the Board's area supplied with water is 24,770.

The estimated population supplied is 78,410.

	Cwm Lliedi Reservoir	Forge Intake, Gwendraeth Fach	Llyn-y-fan Nantgoch
Total rainfall in inches during 1968	51.30	45.73	76.96
Number of days on which rain fell	197	210	193
Maximum day fall in inches and date	1.53 2.7.68	1.48 2.7.68	3.28 23.3.68

WATER SUPPLY SCHEMES—EXTENSIONS

A. Completed during 1968.

Brondini Scheme—mainlaying, Reservoir at Five Roads and Pump House at Felinfoel.
Descaling of Pwll Distribution Mains.
Linking Trade Mains at Heol Daniel, Felinfoel.
6 ins. main to Eastwoods, Pembrey Flats.
Llwynheolig, Pembrey and Sandfields, Burry Port Housing Site mains.

B. Under construction during 1968:—

15 ins. and 12 ins. Trunk Mains, Furnace to Pwll, Pembrey to Kidwelly.
Blaenant, Felinfoel.
Swiss Valley, Felinfoel.
Bryn (Private).
Dythel Farm, Trimsaran.
Danlan, Pembrey.
Pen-y-garn, Tycroes.
Parc-y-llong, Trimsaran.
Vale View, Pontyates.

C. Awaiting Ministry approval as at 31st December, 1968—None.

D. Under consideration as at 31st December, 1968.

Modernising and upgrading Pembrey and Kidwelly Pumping Stations.
Covering Llannon Service Reservoir.
6 ins. Reinforcement mains Capel Ifan to Pontyberem.

WATER SAMPLING—PUBLIC SUPPLY

A total of 25 samples were taken by the Health Department during the year, all of which proved satisfactory.

The result of a sample given below is typical of those taken by the Water Board during 1968:—

Domestic Supply:—

	L.R.I.
pH Value	7.2
Colour (Hazen Units)	Nil
	Parts per Million
Free and Saline Ammonia	Nil
Albuminoid Ammonia	Nil
Nitrites	Nil
Nitrates	Nil
Oxygen consumed at 27 deg. C. from N/80 permanganate during 4 hours	.4
Chlorides as Cr	20
Calculated as Common Salt	33
Total Solids in Solution	75

Additional Features :

Lime as CaO	14
Total Alkalinity as $CaCO_3$	27
Total Hardness as $CaCO_3$	40
Residual Chlorine	0.03

Bacteriological Examination :

No. of Organisms per c.c. developed on Agar during 48 hours at 37 deg. C.	1
No. of Organisms per c.c. developed on Agar during 48 hours at 22 deg. C.	3
Coliform organisms per 100 ccs.	Nil
Faecal Coli per 100 ccs.	Nil

OBSERVATIONS

This water was of good organic quality and free from colour, The residual chlorine content (0.03 p.p.m.) was well below the figure associated with complaints of excess chlorination.

The bacteriological results were satisfactory and the water was suitable for drinking and domestic purposes.

SEWAGE DISPOSAL

The area has 14 sewerage systems, the sewage from which is treated in 13 sewage disposal works.

The position with regard to extensions is:—

1. Scheme completed during 1968.

   Sludge Heating Plant Bynea Disposal Works.

2. Schemes under construction during 1968.

   Crosshands—Llannon, Five Roads—Trimsaran Sewer Extension, Solids Diverter Station and Low Level Sewer.

2. Schemes under construction during 1968.
Hendy, Llangennech, Pontyates.

Closet Accommodation:—

No. of open midden privies	Nil
No. of covered midden privies	Nil
Number of pail closets	385
No. constructed during year	Nil
Number of water closets	13,232
No. constructed during the year	38

National Health Act, 1946—Section 47:

No action was taken during the year under this section.

Colliery Tips:

The Department cooperates with the Architect's Department in ensuring that the planning conditions are complied with in respect of tips in current use and for which planning permission has been granted.

Some of the spoilbanks in our area are still on fire and regular inspections are made by the Department.

Work has commenced on removing the spoilbank at the rear of Heol Aneddfa, Pontyberem, as part of the Council's industrial rehabilitation programme.

Housing:

The average number of persons per dwelling within the area was 2.95.

The distribution of Council Houses is as follows:—

Parish	Built under Housing Act, 1919	Housing Acts, 1930-38	Post War Programme Houses	Prefabricated Bungalows	Flats	Total	% of Total dwellings in area
*Llanelli Rural	54	212	1378	16	26	1686	26.2
Llannon	44	49	560	2	—	655	37.2
Llanedy	36	23	273	4	—	336	24.5
Pembrey	19	29	540	10	12	610	29.8
*Llangennech	—	56	344	—	—	400	35.7
Pontyberem	40	58	265	—	12	375	37.4
	193	427	3360	32	50	4062	29.6

*Two houses were erected in each of these parishes in 1954 for occupation by agricultural workers.

A further 6 Prefabricated Bungalows were demolished during the year, bringing the total demolished to 68.

OCCUPIED DWELLING HOUSES IN LLANELLI RURAL DISTRICT AT 31st DECEMBER, 1968.

Parish	Houses and Flats	Shops with Private Dwelling Accom-modation	Agri-cultural Dwelling Houses	Public Houses	TOTAL
Llanelli Rural	6175	92	147	27	6441
Llannon	1590	54	101	6	1751
Pembrey	1908	32	89	17	2046
Llangennech	1064	22	26	8	1120
Llanedy " A "	749	17	27	9	802
Llanedy " B "	528	12	27	2	569
Pontyberem	945	17	37	4	1003
Total	12959	246	454	73	13732

INSPECTION AND SUPERVISION OF FOOD

Registrations

The number of premises registered in accordance with Section 16 of the Food and Drugs Act, 1955, in the Llanelli Rural District is as follows:—

Butchers Shops	17
Fish and Chip Shops	14
Ice-Cream Manufacturers	2
Ice-Cream dealers in prepacked ice-cream ...	98

Ice-Cream Regulations

Samples of ice-cream were taken from registered manufacturers and dealers during the year and duly submitted for bacteriological examination and were placed in the following provisional grades:—

Grade 1	18
Grade 2	6
Grade 3	—
Grade 4	—
	—
	24

FOOD HYGIENE (GENERAL) REGULATIONS, 1960

Steady progress is being maintained in improving the standards of hygiene in food premises.

Co-operation with the Weights and Measures Department of the Carmarthenshire County Council in enforcing the relevant sections of the Food and Drugs Acts is maintained.

	No. of Premises	No. complying with Regulation 16	No. to which Regulation 19 applies	No. complying with Regulation 19
Food Shops	174	142	92	90
Butchers' Shops	17	11	17	16
Fish and Chip Shops	15	10	15	14
Cafes	7	7	7	7
Factory and School Canteens	52	46	52	51
Licensed Premises and Clubs	81	63	81	79
Bakeries	5	—	5	5
Hospitals	2	2	2	2
Ice Cream Manufacturers	2	2	2	2
	355	283	273	266

MILK AND DAIRIES (GENERAL) REGULATIONS, 1959

No. of persons registered as Distributors ... 37

Milk Sampling:

No. of samples taken during 1968 ... 27
No. Satisfactory 27
No. Unsatisfactory ... ... —

All samples of non-pasteurised milk distributed are subjected to routine Brucella Abortus tests.

Milk Samples—Brucella Abortus:

No. of samples of raw milk examined ... 136
No. of positive samples found (Brucella Ring Test) 5
No. of positive samples found (Guinea Pig Test) 1

Where a positive ring test is obtained, clinical investigations at the farm of origin of the milk are made, together with guinea pig innoculation or culture tests of the milk suspected to be affected by Brucella Abortus.

Action taken in respect of positive samples:—

Brucellosis Order:

An order was made on the 23/4/1968 and retailing of the raw milk ceased. All the milk from the farm affected was sent to a pasteurising plant.

The Liquid Egg (Pasteurisation) Regulations, 1963:—

There are no premises situated within our area.

LICENSED SLAUGHTERHOUSES IN RURAL DISTRICT

District	Premises	Licensee
Pontyberem	Vale View, Pontyberem	Mr. W. D. Jones
Tycroes	Ruddlan, Tycroes	Mr. I. G. Ebsworth
Hendy and Llangennech	Talyclun, Llangennech	Mr. D. Evans
Pembrey and Pwll	Cwm, Pembrey	Mr. H. Thomas

Slaughtering still continues outside the normal working-day hours (including Sundays) and although the inspection service is maintained, better control over the hours of slaughtering would be advantageous.

The existence of small slaughterhouses increases the work of the Public Health Inspectors and a disproportionate time is taken in travelling.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH IN RESPECT OF THE YEAR 1968 FOR THE RURAL DISTRICT OF LLANELLI IN THE COUNTY OF CARMARTHEN

Factories Act, 1961

1.—INSPECTIONS for purposes for provision as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	—	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	89	424	—	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	16 (Building Operations) 4 (Slaughter houses)	31 58	6 —	—
Total	109	513	6	—

	No. of Factories in the area.
Factories	46
Bakeries	5
Repair Garages	38
Slaughterhouses	4
Building Operations	16
Total	109

Inspections carried out:—	
Factories	261
Bakeries	26
Repair Garages	137
Slaughterhouses	58
Building Sites	31
Total	513

6 Notices were served under Section 7 of the Factories Act, 1961.

2.—Cases in which DEFECTS were found. If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "Cases".

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors	—	—	—	—	—
Sanitary Conveniences (S.7):					
(a) Insufficient	4	8*	—	—	—
(b) Unsuitable or defective	1	2*	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work)	1	1	—	—	—
Total	6	11	—	—	—

*Inclusive of notices served in previous years.

FACTORIES ACT, 1961
(Part VIII. of the Act)
Outworkers
(Sections 133 and 134)

There are no outworkers within Part VIII. of the Factories Act, 1961.

REPORT OF Mr. A. V. ROWLANDS
CHIEF PUBLIC HEALTH INSPECTOR

Refuse Collection and Disposal:

The collection and disposal of household and industrial refuse and wastes is the responsibility of the department. The continued increase in the number of new houses and factories necessitates an expansion in the service.

A twice weekly collection is in operation except for the remote rural areas where the service is either weekly, fortnightly or monthly depending upon location and accessibility.

The provision of adequate tipping space within a reasonable distance of the collection area continues to be a problem. By providing refuse lorries of greater capacity this problem has to some extent been overcome.

Some useful reclamation of marshy land has been achieved and it is hoped to use a completed site as a recreation ground in the near future.

The problem of unsatisfactory refuse receptacles has not been solved. Empty oil drums, buckets and cardboard boxes are still being utilised and the provision of standarized refuse bins by the Council is an urgent necessity to ensure economies and a higher standard of hygiene.

SANITARY INSPECTION OF THE AREA

Total number of inspections made in 1968 ...	4,648
Number of informal notices served	98
*Number complied with wholly	27
*Number complied with partially	9
Number of statutory notices served	7
*Number complied with wholly	—
*Number complied with partially	—

(*Inclusive of notices served in previous years).

Eradication of Bed Bugs and other Vermin:

Houses inspected have generally been free from vermin.

Eradication of Ants and Flies:

47 houses were found to be infested with ants or flies, and necessitated an average of two treatments per house.

Schools:

School Kitchens and Canteens are inspected and reports on defects are made to the Schools Medical Officer with requests to remedy any defects discovered.

Rag Flock and other Filling Materials Act, 1951:

No premises exist in the district.

Disinfection:

The four authorities in the Llanelli Division share a common disinfector for this purpose. This arrangement is proving satisfactory.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

Routine inspections are carried out with a view to improving the conditions and some progress has been made in minimising nuisances and increasing the standard of hygiene. The main problem is the lack of adequate supervision by the owners who manage the sites on a part-time basis. On some sites the co-operation of the caravan dwellers in maintaining clean conditions has not been forthcoming.

Itinerant van dwellers still cause problems and the Inspectorate have to co-operate with the police to ensure eviction from unauthorised sites after the owners have failed to ensure their removal. The situation is aggravated in that there is no alternative site available.

It is regretted that no progress has been made in providing a council owned site as this could prove an incentive to private site owners to maintain a higher standard. The alternative would be to close down the unsatisfactory sites and accommodate the caravans on the Council's site.

The observations made in previous years still apply. Evicted families (from Council and private dwellings) encamp on the sites and aggravate the existing rehousing problems. Concentrated efforts by the Welfare Authorities to assist problem families to rehabilitate themselves sufficiently to be further considered for rehousing are still necessary.

HOUSING

1. Inspections of Dwelling Houses during the year:—

(1) (a) Total number of dwelling-houses inspected for Housing defects (under Public Health or Housing Acts)	260
(b) Number of inspections for the purpose ...	555
(2) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	81

2. Remedy of defects during the year without service of formal Notices:—

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers	
(a) Completed	15
(b) Partially Completed	9

3. Action under Statutory Powers during the year:—

(a) Proceedings under Section 9 and 10 of the Housing Act, 1957:—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs... —

(2) Number of dwelling-houses which were repaired after service of formal notices:—

(a) By Owners ... ... —

(b) By Local Authority in default of Owners —

(b) Proceedings under Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 5

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:

(a) By Owners:—

Completed ... ... —

Partially Completed ... ... —

(b) By Local Authority in default of Owners —

(c) Proceedings under Sections 16 and 17 of the Housing Act, 1957:—

(1) Number of dwelling-houses in respect of which Demolition Orders made 8

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders 3

(3) Number of Closing Orders made under Section 17 of the Housing Act, 1957 4

(4) Number of Closing Orders determined ... —

(5) Number of undertakings accepted under Section 16 to recondition dwelling-houses ... —

(6) Number of houses in respect of which Cease User Undertakings were made ... ... —

(7) Number of houses in respect of which Cease User Undertakings Operative and Rendered Fit ... ... —

(d) Proceedings under Section 18 of the Housing Act, 1957:— ...

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... ... —

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit ... ... —

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The number of premises registered under this Act to the end of the year were as follows:—

Offices	24
Retail Shops	59
Wholesale Shops, Warehouses ...	3
Catering Establishments and Canteens	6
Fuel Storage Depots	—
	92

Number of Inspections made subsequent to registration:—

	1967	1968
Offices	23	24
Retail Shops	58	59
Wholesale Shops, Warehouses ...	3	3
Catering Establishments and Canteens	6	6
Fuel Storage Depots ...	—	—
Total ...	90	92

The total number of visits made by Inspectors to registered premises during 1968 were 345.

Number of Contraventions discovered by inspections ...	34
Number of Notices Served	14
Notices Complied with	12
Notices partly complied with	—
Number of Contraventions found and remedied without service of Notices	18

The main items stipulated in the Notices were for the provision of thermometers, first-aid equipment, facilities for drying employees' clothes and lack of adequate heating facilities.

Common Lodging Houses:

There are no Common Lodging Houses in the area.

Noise Abatement Act, 1960:

The number of complaints continued to decrease.

SCRAP METAL DEALERS ACT, 1964

Nineteen persons have been registered by your Authority and there are two large scrap-yards in our area. Complaints have been minimal, but routine visits are made by the Inspectorate.

Abandoned Vehicles

The Department, because of the restricted facilities available, could only deal with abandoned vehicles on Council House Sites.

Where vehicles are abandoned on private land the co-operation of the Police or local scrap metal dealers is usually sought.

Housing Applicants

There were 434 applications on the Council's waiting list on the 31st December, 1968. The cases are investigated by the Department and reports made to the House Letting Committee.

Serious overcrowding has almost ceased to be a problem. The urgent needs for the future would appear to be the provision of suitable accommodation for the aged and the transfer to smaller houses or bungalows of the tenants of under-occupied premises.

HOUSING WELFARE

The maintenance and improvement of the standard of cleanliness in all Council Houses is attempted by encouragement and the giving of advice to the tenants.

Results have been rewarding as in previous years.

HOUSING ACT, 1964

A total of 101 applications for grants towards improvement works were approved during the year. Details are as follows:—

(a) Discretionary Grants:—

The number of grants approved numbered 62 amounting to a cost of £20,751 15s. 2d.

(b) Standard Grants:—

39 Standard Grants were completed and amounts totalling £4,120 13s. 8d. were paid.

MEAT INSPECTION AT SLAUGHTERHOUSES DURING 1968

	Cattle (excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number Killed	1950	238	26	14058	5447	—
Number Inspected	1950	238	26	14058	5447	—
1 All diseases except Tuberculosis and Cysticerci :						
(i) Whole carcases condemned	4	8	1	25	6	—
(ii) Carcases of which some part or organ was condemned	603	110	—	1039	141	—
2 Tuberculosis only :						
(i) Whole carcases condemned	—	1	—	—	—	—
(ii) Carcases of which some part or organ was condemned	—	—	—	—	5	—
3 Cysticerci :						
(i) Carcases of which some part or organ was condemned	—	—	—	2	7	—
(ii) Carcases submitted to treatment by refrigeration	—	—	—	—	—	—
(iii) Generalised and totally condemned	—	—	—	—	—	—

The total number of carcases inspected for the past nine years are as follows :—

1960	27,890
1961	24,895
1962	22,511
1963	21,690
1964	22,067
1965	20,699
1966	21,549
1967	23,345
1968	21,719

Poultry Inspection:

(1) One large poultry processing premises exists within the district.

(2) No. of visits—87.

(3) Total number of birds processed during the year—5,796,131.

(4) Type of birds processed—broilers.

(5) Percentage of birds rejected as unfit for human consumption 0.55 per cent. (31,973 birds).

(6) Weight of poultry condemned as unfit for human consumption—127,892 lbs.

(7) Comments on poultry processing and inspection:—

Greater attention has been paid during the year to the abatement of nuisances from offensive smells and success has been achieved in dealing with this difficult problem.

In consultation with the Department, the method of poultry inspection on the line has been improved and the management seek the advice of the Public Health Inspectors immediately any difficulty or unusual problem arises.

Some difficulties, partly due to a limited water supply, were experienced in the washing and cooling tanks. These were overcome by super-chlorination of the water. Regular sampling is undertaken of the cooling tank water and 129 samples of water were taken from the cooling tank during 1968. The general condition and functioning of this tank is now considered to be satisfactory. An increase in the quantity of mains water available for the plant is expected during 1969.

SUMMARY OF FOOD STUFFS CONDEMNED YEAR ENDED 31st DECEMBER, 1968

	Weight			
	Tons	Cwts.	lbs.	ozs.
Meat at Slaughterhouses	7	14	48	—
Meat at retail shops	—	—	—	—
Cooked meat and meat products	—	—	44	6
Canned Meats	—	—	90	8
Fish	—	—	71	2
Fruit and Vegetables	—	1	47	5
Other Foods	—	—	65	—

PREVENTION OF DAMAGE BY PESTS ACT, 1949
RODENT CONTROL

Rodent Control is carried out under the provisions of the above Act, one full-time operative being employed.

Properties other than Sewers	Type of Property	
	Non-Agricultural	Agricultural
1 Number of properties in district	14098	454
2 (a) Total number of properties (including nearby premises inspected) following notification	527	1
(b) Number infested by :		
(i) Rats	342	1
(ii) Mice	105	—
3 (a) Total number of properties inspected for rats and/or mice for reasons other than notification	361	8
(b) Number infested by :		
(i) Rats	191	—
(ii) Mice	90	—

The sewerage systems and disposal works are tested for rats and treated when necessary.

The refuse tips were regularly treated for infestations by rodents and the number of infestations have been reduced as the result of improved methods of controlling and covering tips.

Petroleum (Regulations) Acts, 1928 and 1936:

These regulations are enforced by the Department and there are 69 licensed premises.

The installation of new tanks is supervised and pressure tests undertaken. Frequent revisits are necessary to ensure compliance with the Regulations.

The Fire Authority has continued to give invaluable help and guidance and their co-operation is appreciated.

Notices were served on the owners or occupiers of eight licensed premises and the majority were complied with immediately.

The main items stipulated in the notices were:—

1. Testing of tanks over 20 years old.
2. Checking of electrical equipment.
3. Display of notices.
4. Securing of the ventilation pipes.

Self Service Pre-payment Petrol Pumps

An increasing number of these pumps are coming into operation throughout the country. They provide a very valuable service to the motorist who runs out of petrol during the hours that service stations are normally closed.

These machines are of a highly sophisticated nature, and may give rise to dangers not associated with the older manually operated petrol pumps. To deal with the matter the Home Office have issued a new Model Code, which lays down very stringent rules regarding the installation and operation of these machines.

Two are expected to come into operation within your district in the very near future, one a £1 note operated machine at Red Dragon Garage, Pembrey, and the other a pump operated by two half-crowns or by one 50 pence coin at Halfway Service Station.

Because of technological improvements in the methods of serving and storing petroleum, stricter supervision is necessary to ensure proper installation and maintenance.

Pet Animals Act, 1951:

One licensed premises (at Maesydderwen, Llanedi Road, Pontardulais) is kept under supervision.

Animal Boarding Establishment Act, 1963:

There is one premises licensed under the above Act:—

The Kennels, The Links, Pembrey, and periodical visits are made.

Open Air Bathing Pool, Hendy:

Regular sampling of the water during the time of operation of the pool was undertaken.

Twenty-one samples were taken, all except one being bacteriologically satisfactory.

Number of inspections carried out during 1968:

Public Health Act:—

House Inspections	116
House Re-inspections	223
Water Supply	3
House Drainage	115
Surface Drainage	127
Watercourses	76
Flooding	22
Nuisances	294
Piggeries	10

Tents and Vans	71
Public Conveniences	128
Refuse Collection	99
Refuse Dumping	82
Refuse Tips	231
Infectious Diseases	51
Infectious Disease Re-visits	35
Disinfection	4
Disinfestation	82
Unclean Premises	72
Bathing Pools	10
Housing Act:—	
House Inspections	32
House Re-inspections	69
Improvement Grants	144
Food and Drugs Act:—	
Fish and Chip Shops	23
Licensed Premises	14
Meat Shops	263
Meat Vans	73
Fish Vans	6
Canteens	48
Cafes	7
Food Preparing Premises	18
Food Shops	56
Food Vans	22
Ice-Cream Manufacturing Premises	7
Ice-Cream Shops	19
Ice-Cream Vans	2
Dairies	19
Milk Vans	9
Bakehouses	26
Slaughterhouses	58
Poultry Processing Plant	87
Raw Milk Distributors	46
Clubs	3
Others:—	
Factories and Workshops	261
Building Sites	31
House Investigations	262
Welfare Investigations	47
Rodent Control	114
Clean Air Act	35
'Bus Shelters	41

Petrol Regulations	137
Noise Abatement Act	13
Caravan Sites	71
Offices, Shops and Railway Premises Act ...	305
Scrap Metal Dealers Act	18
Quarry Fencing Act	6
Pet Animals Act	2
Animal Boarding Establishments	2
Miscellaneous	401
Total	4648